



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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नई दिल्ली, भारतीय, जनवरी 25, 1969 (माघ 5, 1890)

No. 4]

NEW DELHI, SATURDAY, JANUARY 25, 1969 (MAGHA 5, 1890)

इस चाप में जिन पृष्ठ संख्या की जाती हैं विस्तरे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

#### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और विकाइनों से सम्बन्धित अधिष्ठानाएं और नोटिस

#### Notifications and Notices issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

###### Patents and Designs

Calcutta, the 25th January 1969

###### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

4th January 1969

119282. B. S. G. Corporation. Gas lighter.

119283. Shree Paresh Nath Sarkar. Improvement in standing stability of kerosene stove.

119284. Shree Paresh Nath Sarkar. Improvement in utensil seat of stove.

119285. J. N. Vazifdar. Improvements in or relating to adjustable pencil sharpeners.

119286. Hindustan Lever Limited. Freeze-drying.

119287. B. J. Naik. Automatic switch-off sterilizer.

119288. K. N. C. K. Mohan. A temperature control module using thermistors.

119289. Renate Kleibrink-Lindner, Gisela Lindner, and Gustav Lindner. Metal link for aligning cartridges on belts for use in quick firing weapons.

119290. Shri A. V. Telang. An apparatus to afford ease by economising time and wastage in the process of transferring liquids from one container to another.

119291. S. Singh. Automatic, self controller for automobile.

119292. Imperial Chemical Industries Limited. Improvements in or relating to gears for crimping yarn. (5th January 1968).

119293. Imperial Chemical Industries Limited. Condensation products. (16th January 1968).

119294. Imperial Chemical Industries Limited. Hydrocarbon reforming process and apparatus.

119295. Richard Sizer Limited. Improved pelleting machine. (17th January 1968).

119296. International Business Machines Corporation. Recording and reproducing apparatus.

6th January 1969

119297. Buckman Laboratories Inc. Novel organic thiocyanates, their preparation and use as microbicides.

119298. Buckman Laboratories Inc. Novel thiocyanomethyl sulfones and sulfoxides and their use as pesticides.

119299. M. Barthalon. Reciprocating machine with fluid circulation.

119300. Imperial Chemical Industries Limited. Catalytic process for the manufacture of pyridine and methyl-pyridines. (29th January 1968).

119301. British Visqueen Limited. Printing plate production and printing method. (24th January 1968).

119302. Shell Internationale Research Maatschappij N. V. Leak detector for pipelines.

119303. E. Borchert. Vibro core barred (a new core drilling method).

119304. N. S. Shah. An improved nipple for a wide-mouthed babyfeeding bottle.

119305. N. S. Shah. An improved nipple for a baby-feeding bottle.

119306. Great Lakes Carbon Corporation. Pesticidal composition.

119307. A. R. Goldberg and M. M. Burger. Method for the detection of neoplastic cellular material.

119308. Vsesojuzny Nauchno-issledovatelsky I Proektno-Konstruktorskij institut Metallurgicheskogo Mashinostroenia. Device for holding dummy bar in curved mould continuous casting machine.

119309. Vsesojuzny Nauchno-Issledovatelsky I Proektno-Konstruktorskij Institut Metallurgi-cheskogo Mashinostroenia. A mechanism for rocking a mould.

119310. Vsesojuzny Nauchno-Issledovatelsky I Proektno-konstruktorsky Institut Metallurgicheskogo Mashinostroenia. Device for stretching and straightening ingots in a radial plant for continuous metal pouring.
119311. D. V. Kanakia. Composition for the manufacture of artificial stone and the stone so made.
119312. The British Petroleum Company Limited. Production of C<sub>7</sub>—C<sub>20</sub> olefins. (8th January 1968).
119313. International Milling Company Inc. Basic blend food product and process.
119314. The National Cash Register Company. Microencapsulation process.
119315. The National Cash Register Company. Method of preparing minute polymeric capsules.
119316. K. C. Jain. Improvements in or relating to improved frame for carrying food containers.

7th January 1969

119317. Alex Lawrie and Company Limited. Processing of green leaf tea. (19th January 1968).
119318. Franz Plasser Bahnbaumaschinen. Method of and apparatus for continuously laying railway track.
119319. Hindustan Lever Limited. Detergent composition. (11th January 1968).
119320. N. L. Rangiah. Motor vehicles number plates made transparent for perfect reading day and night.
119321. S. S. Chawla. New technology of making foundry moulds and cores from liquid self-setting sand mixture.
119322. Rhone-Poulenc S. A. Imidazo (2, 1—b) thiazole derivatives.
119323. Shell Internationale Research Maatschappij N. V. Method of controlling pipeline slurries.
119324. Universal Oil Products Company. Process for producing xylene isomers.
119325. The Dunlop Company Limited. Flexible sheet material. (10th January 1968).
119326. Arbeitsstelle fur Molekularelektronik. Process for making (preparing, producing) solid body switching networks.
119327. Ciba Limited. Process for the manufacture of new derivatives of 7-aminocephalosporanic acid.
119328. The Pyrene Company Limited. Production of phosphate coatings on metal. (28th February 1968). [Addition to No. 106637].
119329. Sandoz Ltd. Monoazo compounds, their production and use.
119330. The National Cash Register Company. Method of manufacturing minute polymeric capsules.
119331. The National Cash Register Company. Method of preparing minute polymeric capsules.
119332. The National Cash Register Company. Microencapsulation process.
119333. Bassani S. p. A. Bi-stable magnetic latching relay.

8th January 1969

119334. A. C. Padamsee. Improvements in or relating to vacuum flasks or like other containers and bottom supports therefor.
119335. A. C. Padamsee. Improvements in or relating to containers, such as for vacuum flasks.
119336. A. C. Padamsee. Improvements in or relating to vacuum flasks or like containers.
119337. B. J. Chopra. An improved locking device for the runner of an umbrella.
119338. Continental Oil Company. Improved control system for fluid cat cracker.
119339. Vsesojuzny Nauchno-Issledovatelsky I Proektno-Konstruktorsky Institut Metallurgicheskogo Mashinostroenia. A device for raising and lowering tundishes on continuous casting plants.

119340. Leningradskoe Elektromashinostroitelnoe Obiedinenie Elektrosila Machine for application of insulation to stator winding cores of Electric machines.
119341. Jg Glass Industries Private Ltd. A tiffin box.
119342. British Scientific Instrument Research Association. Method and apparatus for measuring fibres. (12th January 1968).
119343. Universal Oil Products Company. Solvent recovery process.
119344. Standar Oil Company. Method and apparatus for the continuous preparation of an aqueous ammoniated phosphate composition. [Divisional date 26th April 1967].
119345. V. R. Sonti. A diaphragm type of structure.
119346. S. K. Karanjia. Improvements in/or relating to tooth brushes and like brushes.
119347. Shree Paresh Nath Sarker. Improvement in chromate coating.

9th January 1969

119348. Mrs. Nirmala Laxman Tamhankar. Improved solid fuel composition.
119349. V. Venugopalan. Improvements in or relating to tower bolts.
119350. Ordena Trudovogo Krasnogo Znameni Zavod "Avtosteklo". Glass and crystalline glass material.
119351. Pioneer Sports Works Pvt., Ltd. Equipment for playing pingpong game.
119352. Agripat S. A. Process for the recovery of constituents of the gases which are formed in the catalytic preparation of cyanogen chloride and cyanic chloride.
119353. Dorr-Oliver Incorporated. Hydraulic upflow Classification apparatus.
119354. Ciba Limited. Process for the manufacture of a new sulfamide.
119355. International Standard Electric Corporation. Telephone switchboard apparatus. (11th January 1968).
119356. N. V. Philips Gloeilampenfabrieken. Resilient suspension member for securing a colour selection electrode in a glass envelope of a cathode ray tube for displaying coloured television images.
119357. N. V. Philips Gloeilampenfabrieken. Step and repeat of camera.

10th January 1969

119358. J. R. Geigy A. G. Process for the production of new piperidine derivatives.
119359. J. R. Geigy A. G. Process for the production of new piperidine derivatives.
119360. J. R. Geigy A. G. Process for the production of new piperidine derivatives.
119361. P. M. Chaubal. Aids to display and advertisement.
119362. The Mysore Electrical Industries Ltd. Electronic phase failure relay.
119363. Severo-zapadnoe otdelenie Vsesojuznogo Gosudarstvennogo proektno-izyskateльskogo i nauchno-issledovatelskogo institute "Energosetproekt". Metal pole for high-voltage power transmission line.
119364. N. N. Kapur. Hydraulic props.
119365. B. P. Agrawal. A device or conducting examination of the interior of a plain bearing axle box of a railway wagon.
119366. Fibreglass Limited. Chemical composition for use in coating glass fibres. (12th January 1968).
119367. Satellite Engineering Limited. Cartridge cases and the manufacture thereof. (12th January 1968).
119368. Scherico Ltd. Improved process for the dehydrohalogenation of 3-keto-2, 4-dihalogeno steroids.

119369. Avica Equipment Limited. Improvements in and relating to pipe or duct joints. (11th January 1968).

#### Alteration of Date

110153. Post-dated to 31st August 1968 under Section 5 of the Act.

117434. Ante-dated to 6th November 1967 under Section 5 of the Act.

118299. Ante-dated to 4th April 1967 under Section 5 of the Act.

116828. Ante-dated to 31st March 1967 under Section 5 of the Act.

118690. Ante-dated to 3rd April 1967 under Section 5 of the Act.

118692. Ante-dated to 3rd April 1967 under Section 5 of the Act.

118693. Ante-dated to 3rd April 1967 under Section 5 of the Act.

118691. Ante-dated to 3rd April 1967 under Section 5 of the Act.

111243. The claim to priority date 27th June 1966 has been disallowed and the application dated as of 24th June 1967, the date of filing in India.

110013. The claim to priority date 31st March 1966 has been disallowed and the application dated as of 31st March 1967, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

109964. Chemical Separations Corporation. Continuous cyclic process for the pickling of metal for regenerating spent pickle liquor and for regenerating an agent employed to regenerate said spent pickle liquor. Accepted on 28th December 1968.

*Comprising (1) conducting the pickling operation with a pickle liquor, (2) continuously withdrawing spent pickle liquor, (3) flowing the spent pickle liquor through a first section of an ion-exchange column loop, (4) withdrawing the regenerated pickle liquor, (5) continuously circulating the regenerated pickle liquor, (6) simultaneously treating a second portion of ion exchange resin loaded with metal ions, (7) simultaneously interrupting the flow of spent pickle liquor, (8) shifting ion exchange resin bed, (9) hydrolyzing the solution, (10) separating metal oxide from regenerating agent, (11) recycling, (12) repeating the same cycle.*

109975. Bassani S.p.A. An electric protective device composed of a differential magnetothermic switch and fuse-holder of high interrupting capacity. Accepted on 30th December 1968.

*Comprises a differential magnetothermic switch a fuse holder located in a fuse holder socket, the switch and holder composing a unit enclosed in a housing;*

110013. Imperial Chemical Industries Limited. Fungicidal compositions and fertilizers containing pyrimidine derivatives. Accepted on 31st December 1968.

*Comprises 2-dimethylamino-4-methyl-5-n-butyl-6-hydroxy pyrimidine and a carrier.*

110060. Excalibur Surface Coatings Limited. Silicate facings. Accepted on 3rd January 1969.

*Comprising drying said silicate material by a known method and treating it with an ammonium salt solution.*

110088. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Urea derivatives and process for the preparation thereof. Accepted on 4th January 1969.

*Comprising reacting dryl isocyanates or aryl carbamic acid chloride with alky amine or O-alkyl hydroxyl amine followed by alkylation hydroxyl amine followed by dialkylation or reacting arylamine with isocyanate or dialkyl carbamic acid.*

110094. Veb Elektro-Apparate-Werke Berlin-Treptow. A frame for the reception of semi-conductor rectifiers in an air cooled semi conductor rectifier unit. (11th January 1967). Accepted on 6th January 1969.

*Comprising side plates supporting therebetween shaped parts substantially of L-cross-section and held adjacently in rows to form a plurality of channel section vertical cooling ducts, the semi-conductors being supported within the ducts.*

110153. Council of Scientific and Industrial Research. Improvements in or relating to chemical beneficiation of ilmenite. Accepted on 6th January 1969.

*Characterized in that (i) heating out of contact with air the ilmenite with carbonaceous material at 600°C for an hour, (ii) leaching the cold mass, (iii) repeating process (i) and (ii) a second time and (iv) the residue is then finally calcined at about 800°C, (v) utilization of byproduct ferrous chloride hydrochloric acid mixtures.*

110175. Christoffel Kidson. Fumigating machines. Accepted on 9th January 1969.

*Comprising a flame box, means to heat the cavity of the box by combustion of fuel, a pipe traversing the length of the box at least twice, means feed to feed compressed air from a source into said pipe outside the box, means to inject volatilizable fumigant into the pipe outside the box and a flexible pipe connected to said pipe.*

110465. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble mono-azo dyestuffs and process for preparing them. Accepted on 6th January 1969.

*Wherein an amine is diazotized and coupled with an acetoacetyl amide.*

110481. Tsentralny Nauchno-Issledovatel'sky Institut Chernoi Metallurgii Imeni I.P. Bardina. A method of casting metals and alloys in a mould and a device for effecting same. Accepted on 6th January 1969.

*Characterised in that the streams of metal drops thus formed are passed through a layer of a fluid refining slag for the removal of harmful impurities and non-metallic inclusions.*

110570. Celanese Corporation. Process and apparatus for the production of pillows. Accepted on 8th January 1969.

*A tapered batt is made by laying the web back and forth at an acute angle to the direction, in which the laid web is moved.*

110790. Gosudarstvenny proektny institut Tyazhpromelektroprojekt. Method of controlling longitudinal uneven gauge of metal strips rolled on continuous hot mills and apparatus for realization of said method. Accepted on 8th January 1969.

*Automatic control over the longitudinal uneven gauge of metal strips rolled on continuous hot mills and maintaining the thickness of rolled products constant along the entire strip.*

111243. W. J. Werding. Transfusion apparatus. Accepted on 24th December 1968.

*Comprises a gas-tight casing a compressible reservoir adapted to contain a substance to be injected and mounted in said casing, an outlet for connecting said reservoir to a catheter and a needle, means for regulating the flow of said substance to said outlet and valve means in said casing for introducing pressurized gas therin.*

111299. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basic azo-dyestuffs process for their preparation and textile material dyed or printed therewith. Accepted on 28th December 1968.

*Comprising reacting compound of general formula II which is a diazonium compound of a quaternary amine is coupled with an indol or 5 amino-pyrazole free from sulphonic acid or carboxylic acid.*

111346. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing shaped articles made of aromatic polyesters or cellulose acetate. Accepted on 3rd January 1969.

*Which comprises applying a coupling component.*

111371. Montecatini Edison S.P.A. and G. P. Varda. A method of constructing a furnace vat and a furnace vat obtained thereby. Accepted on 4th January 1969.

*Characterized in that the said cryolitic refractory mass contains an amount of carbon grit dispersed therein.*

111373. Agripat S. A. Process for the production of heterocyclic thiophosphoric and thiophosphonic acid esters. Accepted on 6th January 1969.

*The improvement consisting in performing the condensation in an aqueous solution of a strong mineral acid not having an oxidising action under the reaction conditions.*

111380. Hindustan Lever Limited. Treatment of materials containing unsaturated hydroxy-acid residues. (7th July 1966). Accepted on 6th January 1969.

*The material is contacted with a hydrogenation catalyst and a dehydration catalyst in the presence of hydrogen.*

111405. United States Steel Corporation. Continuous casting machines particularly guide roll rack for continuously cast slabs. Accepted on 4th January 1969.

*Comprising a plurality of horizontal guide rolls arranged in vertically spaced rows at opposite sides of the path of the descending metal casting and a plurality of spray nozzles for directing streams of water between adjacent guide rolls and against descending casting.*

111411. J. R. Geigy A. G. Process for the dyeing of nitrogen-containing organic fibre material. Accepted on 4th January 1969.

*By impregnating or printing this fibre material with an optionally thickened aqueous dye liquor containing at least one dyestuff.*

111430. The Dunlop Company Limited. Woven textile fabric, flexible sheet material prepared therefrom and storage tanks manufactured from said material. (16th July 1966). Accepted on 3rd January 1969.

*Which has in the weave repeat at least seven warp and seven weft threads and the distance between adjacent intersection is not more than three threads.*

111431. Rexall Drug and Chemical Company. Radiation sterilized propylene polymer compositions of matter and articles made therefrom. Accepted on 4th January 1969.

*Comprises in incorporating in propylene polymer having at least 40 p.c. crystallinity, a stabiliser from 0 to 1.0 of an ester of thiodipropionic acid, said polymer is subjected to at least 2.5 megarads of gamma radiation.*

111918. Sulzer Brothers Limited. Machine room for textile operations. Accepted on 9th January 1969.

*Characterised by parallelly extending hollow spaces within the floor plate, at least one of the hollow spaces being connected by at least one opening with the machine room above the floor plate and via another opening to the ventilating system.*

111942. The Dunlop Company Limited. Improvements in or relating to polymeric compositions. Accepted on 6th January 1969.

*Comprises an aqueous dispersion of a polymeric reaction product derived from the reaction mixture including (A) at least 74% by weight of acrylic ester (B) a hydroxy ester of a polymerizable unsaturateil carboxylic acid and (C) a polymerisable unsaturated carboxylic acid.*

112107. K. Narayan. Improvements in or relating to vacuum brake apparatus of railway trains. Accepted on 8th January 1969.

*Comprises a projection in form of a plunger, levers or tube or like preferably of brittle material fixed to the axle box in such a way as to connect one end to the vacuum circuit of the railway brake and the other end is very near and just above the railway line, so that on de-railment this latter end on impact with the rail line breaks and destroys the vacuum, immediately the brake becomes operative.*

112306. T. B. Buhariwala. A new method and device for forming and rolling thin metal strip into rings of rigid structure. Accepted on 9th January 1969.

*Comprises a long cylindrical roll having on its surface a continuous helical groove from end to end held between the head stock and tail stock of an engine lathe, a sliding base having on its upper horizontal surface four pair of rollers for feeding forming and guiding a thin metal strip to the cylindrical roll which on rotation about its axis pulls the strip and bends it into the turn of a helix.*

112417. Toyo Koatsu Industries, Incorporated. Treatment of unreacted substances in urea synthesis. Accepted on 9th January 1969.

*Comprises in treating the urea synthesis effluent by passing through a system of high and low pressure distillation zone absorbers and ejectors.*

112564. Fisons Pest Control Limited. Biocidal compositions. (15th October 1966). Accepted on 4th January 1969.

*Which contains as an active ingredient a substituted imidazopyridine and at least one material selected from the group comprising wetting agents, inner diluents and organic solvents.*

112582. S. D. Kulkarni. Improvements in or relating to diesel engine driven centrifugal pumping set and the like. Accepted on 6th January 1969.

*Consisting of a combination of diesel engine fitted with an extended crank-shaft which carries a flywheel and the portion of the crank shaft extension extending beyond said flywheel boss forms the shaft carrying the centrifugal pump.*

112668. Sandoz Ltd. Reactive dyes. Accepted on 4th January 1969,

*Consists in reacting the diazo compound of an amine with a pyrazolone, the resulting dye decyclated and reacted with acylating agent.*

112676. H. B. Khimji. Improvements in or relating to diaphragm valves. Accepted on 7th January 1969.

- A thin plastic moulding conforming to the contour of the profile of the upper side of the diaphragm and acting as a tough protector for the said diaphragm is fitted in between the diaphragm and the compressor or the actuating member.*
112760. N. V. Philips Gloeilampenfabrieken. A circuit for selecting in a correct phase relationship a characteristic component from a frequency spectrum. Accepted on 7th January 1969.  
*Comprises a selection channel, connected between input 1 and output 2, an auxiliary channel 4, including a first and second modulator and selection filter disposed between these.*
112975. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of synthesis gas by catalytic cracking of hydrocarbons with steam. Accepted on 4th January 1969.  
*Comprises cracking in the first stage, the feedstock with steam in an adiabatic reactor in the presence of a catalyst containing nickel and/or cobalt and then cracking in a tubular reactor of the gas obtained in the first stage using a catalyst of nickel and/or cobalt at a higher temperature.*
113060. The Upjohn Company. New alkyl 2-methylpropenyl ketoxime carbamates. Accepted on 4th January 1969.  
*Comprises reacting an alkyl 2-methyl propenyl ketoxime with a lower-alkyl isocyanate.*
113381. Elektrodenfabrik Oerlikon Bührle AG. Filled welding rod with a seamless jacket. Accepted on 4th January 1969.  
*Comprising a seamless metallic jacket and a filling containing at least a welding powder.*
113382. Elektrodenfabrik Oerlikon Bührle AG. Method for the production of a seamless tubular wire filled with a powdery material. Accepted on 4th January 1969.  
*Comprising winding a seamless tube onto a spool, filling it with powder, drawing the filled tube at least through one nozzle to compress the powder.*
113572. The Purac Company. Process for reducing salt content of salt containing water. Accepted on 4th January 1969.  
*By mixing water with polymeric solvent compound separating the stratum of water enriched solvent compound solution, and inflating water.*
113724. G. L. Jain. A liquid cum solid cargo carrier. Accepted on 6th January 1969.  
*Cargo carrying space is divided into two parts, the lower part comprising a closed steel tank securely mounted on the vehicle body and stabilised by means of strong angle iron supports for carrying liquid materials and the empty upper part for different types of solid cargo.*
113921. British-American Tobacco Company Limited. Improvements relating to garniture for continuous-rod cigarette machinery. (13th January 1967). Accepted on 8th January 1969.  
*Comprising a tongue, short folder and long folder mounted upon a common base in relation to which their horizontal positions in the longitudinal and transverse directions are preset accurately and the position in the vertical direction of the long folder is readily made adjustable.*
113966. The Dow Chemical Company. Patch of a break in refractory lining. Accepted on 9th January 1969.  
*Characterized in that the shape of the cover defines an essentially central umbo.*
113997. Neyveli Lignite Corporation Limited. Improvements in or relating to carbonisers. Accepted on 8th January 1969.  
*Heat insulating material is provided for and surrounding hoppers, means to introduce inert gas in the region of lower hopper and means to introduce production gas from return production gas line and recycle said gas.*
114072. N. V. Philips Gloeilampenfabrieken. Colour television picture tube having a substantially rectangular picture window and a shadow mask. Accepted on 7th January 1969.  
*Have a rectangular window, a shadow mask, provided with a profiled edge 2, the said mask having a protruding edge.*
114369. Guba-Uhrenrohwerke, Gustav Bauer K. G. Improvements in or relating to two-piece watchbands. [Addition to No. 107024]. Accepted on 6th January 1969.  
*Wherein the loop for the spring pin is secured by a transversal seam extending through the middle layer in addition to the marginal seams which weld the three layers together.*
114557. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for separating vinyl acetate from hot reaction gases containing acetic acid. Accepted on 9th January 1969.  
*Process for separating a mixture of vinyl ester with carboxylic acid from hot gas mixtures which comprises condensing the gas mixtures in stages in a column and removing carboxylic acid from the sump and mixture of vinyl ester with carboxylic acid having a greater proportion of vinyl ester, from the head of the column.*
114654. Konstruktorskoe bjuro koxokhimicheskogo mashinostroenia institute "Giprokok". Mechanism for cleaning frames and shells of horizontal coke ovens. Accepted on 9th January 1969.  
*Holder is rigidly connected with a turnable axle and operatively coupled to the arrangement for turning the working elements together with the axle fitted with a spring.*
114759. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of olefinically unsaturated oxo compounds. Accepted on 6th January 1969.  
*Heating 5, 6 dihydro 4H-pyran with water.*
114893. British-American Tobacco Company Limited. Improvements in packing machinery. (20th March 1967). Accepted on 9th January 1969.  
*For producing longitudinal side seams to secure outer side flaps of a package a reciprocatory device moving perpendicular to the path of the package through apparatus to fold the flaps into their required final position.*
115024. Raleigh Industries Limited. Improvements in or relating to pedals. (6th April 1967). Accepted on 9th January 1969.  
*Comprising a spindle, a pedal block, a bearing means and an end plate at one end extending transversely to the pedal block to give transverse rigidity.*
115073. Union Carbide Corporation. A high intensity light source. Accepted on 3rd January 1969.  
*At least one of the jaws forming the electrode holder, is provided with at least one opening in the wall such that fluid coolant can pass therethrough and contact the electrode to cool the same.*
115128. Tokyo Shibaura Electric Company Limited. High pressure discharge lamps. Accepted on 6th January 1969.  
*A luminous tube containing 0.5 to 10 mgms per CC of mercury,  $1.2 \times 10^{-7}$  to  $1.2 \times 10^{-5}$  gram-atoms per CC of at least one rare earth element selected from thulium erbium and holmium,  $1.0 \times 10^{-7}$  to  $4 \times 10^{-6}$  gram-atoms per CC of thallium and a halogen of more than  $4.6 \times 10^{-7}$  gram-atoms per CC but less than sum of one third of chemical equivalent of mercury, and chemical equivalents of rare earth elements and thallium.*
115423. Mitsubishi Steel Manufacturing Co., Ltd. Electrode with oxidation-resistant, protective layer, and method of coating the electrode with such a protective layer. Accepted on 7th January 1969.

- Electrode for use in electric furnaces being provided with at least one oxidation-resistant conductive layer whose main component is Iron together with at least one of the metals Cr, Al, or Si forming therewith an alloy and/or compounds of double metal type.*
115513. Compagnie Generale Des Eaux. Ozonizer element. Accepted on 6th January 1969.  
*Comprising in glass tube, in roughly facing relation to the end of metal sleeve, a metal deflecting ring having a roughly cylindrical portion in contact with metallized layer and a curved remaining portion.*
115842. S. Mohan. Dynamic self calibrating device for continuous or periodic analysis of gases and vapours in mixtures. Accepted on 7th January 1969.  
*Comprises (i) a distribution cock means, (ii) a pressure vessel, (iii) a reaction chamber, (iv) capillary type flow meter, (v) a flow regulator, (vi) a battery of absorption chambers and (vii) a bubble type flow meter.*
116044. Ruti Machinery Works Ltd. Guide arrangement for pick laying-in members in wave-weaving looms. Accepted on 6th January 1969.  
*Weft laying-in members are guided by guide elements between which there are intermediate spaces for the drive means extending widthwise.*
116828. Imperial Chemical Industries Limited. Production of pyrimidine derivatives and fungicidal compositions containing the same. [Divisional date 31st March 1967]. Accepted on 10th January 1969.  
*A corresponding guanidine is condensed with a beta keto ester.*
116887. P. Rosenberg. Rotary sprinkler. Accepted on 8th January 1969.  
*Comprising a housing having a water inlet and a nozzle rotatably mounted to the housing about a vertical axis of rotation, said nozzle being formed with a water outlet through which water exists in the form of a jet, a rotor is rotatably mounted to said nozzle and the rotor includes a plurality of spaced vanes located so as to be impinged by a water jet at a point horizontally displaced from the axis of rotation of the rotor to effect thereby rotation of the said nozzle and of said rotor.*
117434. The Upjohn Company. Insecticidal compositions. [Divisional date 6th November 1967]. Accepted on 4th January 1969.  
*Comprises an alkyl-2-methyl propenyl ketoxime carbamate as the active ingredient along with diluent or a carrier.*
118299. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Herbicidal preparations. [Divisional date 4th April 1967]. Accepted on 4th January 1969.  
*Comprising 10—50% by weight of a urea derivative as active ingredient and a carrier.*
118690. Excalibur Surface Coating Limited. Method of laminating structural sheets. [Divisional date 3rd April 1967]. Accepted on 3rd January 1969.  
*Comprises applying adhesive cement to insulating material and affixing thereto a delicate sheet rendered insoluble by aqueous ammonium salt.*
118691. Excalibur Surface Coating Limited. Laminated insulating structural sheet. [Divisional date 3rd April 1967]. Accepted on 3rd January 1969.  
*Comprising a sheet of insulating material to which has been applied a coating of silicate material.*
118692. Excalibur Surface Coating Limited. Method of making light-weight building material. [Divisional date 3rd April 1967]. Accepted on 3rd January 1969.  
*Comprising mixing silicate binder and granular filler drying the cast material and insolubilizing the binder with ammonium salt solution.*
118693. Excalibur Surface Coating Limited. A curing agent for silicates. [Divisional date 3rd April 1967]. Accepted on 3rd January 1969.  
*Comprising a gelled or thickened aqueous solution of an ammonium salt, said salt being present in the amount 5 to 40%.*

**Opposition Proceedings**

(1)

An opposition has been entered by Vereinigte Aluminium-Werke Aktiengesellschaft to the grant of a patent on application No. 105426, made by Kaiser Aluminum & Chemical Corporation.

(2)

An opposition has been entered by Rameswar Banerjee to the grant of a patent on application No. 110759 made by Joseph Rawlings.

(3)

An opposition has been entered by Arun Kumar to the grant of a patent on application No. 110431, made by Godrej & Boyce Manufacturing Co. Private Limited.

**Patents Sealed**

104828. 104998. 106563. 106581. 106932. 107963. 108013. 108218. 108567. 108825. 114200.

(2)

101929. 105005. 105056. 105186. 105192. 105274. 105295. 105297. 105305. 105307. 105333. 105336. 105372. 105437. 105475. 105670. 106154. 106157. 106191. 106211. 106219. 106244. 106266. 106322. 106323. 106426. 106427. 106480. 106485. 106488. 106494. 106502. 106518. 106587. 106615. 106629. 106646. 106654. 106661. 106674. 106676. 106680. 106719. 106722. 106724. 106738. 106770. 106774. 106782. 106798. 106871. 106909. 106935. 106936. 106959. 106961. 106968. 106981. 107012. 107019. 107028. 107038. 107040. 107110. 107183. 107186. 107191. 107263. 107318. 107496. 107586. 107772. 107901. 107997. 108061. 108065. 108079. 108181. 108210. 108221. 108301. 108344. 108370. 108374. 108376. 108400. 108467. 108602. 108644. 108720. 108721. 108750. 108766. 108833. 108865. 108985. 109004. 109018. 109318. 109332. 109340. 109405. 109452. 109489. 109513. 109613. 109614. 109651. 109902. 109992. 110029. 110097. 110173. 110221. 110236. 110369. 110464. 110518. 110760. 110978. 111139. 111148. 111279. 111302. 111807. 111811. 111856. 112563. 112682. 112852.

**Amendment Proceedings**

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Phillips Petroleum Company, a corporation organised under the laws of the State of Delaware, U.S.A., of Bartlesville, State of Oklahoma, United States of America, seek leave to amend the description in the specification in respect of the patent application No. 106352. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Svenska Rotor Maskiner Aktiebolag, a Joint Stock Company organised under the laws of Sweden, of P.O. Box 15085, Stockholm 15, Sweden, seek leave to amend the description in the specification in respect of the patent application No. 107480. Any person desirous of opposing the application for amendments should any time within three months from the date of this Gazette, give notice to his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent

Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

## (3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Rohm And Haas Company, a corporation organised under the laws of the State of Delaware, United States of America, of Independence Mall West, Philadelphia, Pennsylvania 19105, United States of America, seek leave to amend the description and claims in the specification in respect of the patent application No. 114779. Any person desirous of opposing the application for amendments should any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

**Renewal Fees Paid**

51189. 51671. 51851. 51928. 53476. 53554. 53578. 53641.  
 53693. 53707. 53848. 53991. 54199. 56291. 56390. 56452.  
 56512. 56519. 56532. 56578. 56634. 56656. 56674. 56783.  
 56930. 57789. 59045. 59582. 59708. 59751. 59764. 59796.  
 60039. 60223. 62831. 62891. 62968. 62987. 62988. 62990.  
 63013. 63168. 63193. 63232. 63261. 63262. 63396. 63397.  
 63759. 66394. 66409. 66470. 66600. 66613. 66655. 66759.  
 66779. 66803. 66809. 66836. 66854. 67209. 68459. 68500.  
 70189. 70337. 70402. 70438. 70456. 70609. 70620. 70649.  
 70658. 70670. 70722. 70724. 70767. 70833. 70855. 70956.  
 71012. 71109. 71143. 71237. 71444. 71644. 71917. 72521.  
 74787. 74830. 74981. 74982. 75066. 75111. 75174. 75228.  
 75235. 75237. 75290. 75291. 75402. 75407. 75408. 75409.  
 75410. 75412. 75419. 75422. 75465. 75481. 75549. 75553.  
 75554. 75603. 75627. 75684. 75747. 75773. 75926. 75957.  
 76034. 76593. 77899. 78199. 79387. 80101. 80217. 80265.  
 80266. 80288. 80428. 80529. 80547. 80573. 80619. 80736.  
 80749. 80752. 80756. 80823. 80899. 81153. 81186. 81241.  
 81939. 82149. 82267. 83916. 84067. 84889. 84890. 85779.  
 85833. 85966. 86149. 86162. 86163. 86188. 86210. 86220.  
 86230. 86239. 86260. 86267. 86344. 86383. 86390. 86407.  
 86450. 86465. 86534. 86541. 86580. 86612. 86620. 86628.  
 86638. 86670. 86675. 86682. 86688. 86694. 86727. 86790.  
 86974. 86989. 87163. 87294. 87701. 88142. 89490. 89903.  
 90609. 90782. 91578. 91579. 91702. 91718. 91761. 91778.  
 91813. 91822. 91920. 92088. 92125. 92153. 92157. 92158.  
 92223. 92245. 92280. 92281. 92296. 92304. 92307. 92346.  
 92347. 92359. 92377. 92378. 92396. 92408. 92526. 92527.  
 92578. 92711. 92764. 92838. 92839. 92929. 93050. 94433.  
 95285. 95960. 96444. 97056. 97315. 97345. 97471. 97505.  
 97527. 97668. 97674. 97715. 97732. 97734. 97776. 97783.  
 97784. 97785. 97808. 97868. 97870. 97890. 97928. 97951.  
 97991. 98009. 98053. 98092. 98142. 98148. 98151. 98157.  
 98158. 98167. 98176. 98178. 98284. 98336. 98337. 98338.  
 98469. 98508. 98509. 98580. 98581. 98628. 98629. 98634.  
 98670. 99479. 101639. 101640. 101641. 101864. 103177.  
 193349. 103892. 103950. 104069. 104106. 104805. 106715.  
 107237.

**Extension of the Term of Patents**

A consolidated petition for extension of the term of Patent No. 50069 dated 22-8-52 for "Improved method and apparatus for de-watering pulp or stock on a fourdrinier type paper or board making machine" and its Patent of Addition thereto No. 57170 dated 18-5-1955 for "Improvements in or relating to apparatus for use in the making of paper or board" has been left at the Patent Office on behalf of St. Anne's Board Mill Company Limited, of St. Anne's Road, Brislington, Bristol 4, England. Subsequently a request for withdrawing the said petition has also been received.

**Cessation of Patents**

87427. 87429. 87432. 93316. 93324. 93328.

**Restoration Proceedings**

## (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 88518—Ramani Ranjan Datta.

The patent ceased on the 20th June 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 1st March 1969.

## (2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 94946—Ranchand Jiwanlal Hingorany and others.

The patent ceased on the 29th July 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 21st December 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 1st March 1969.

## (3)

An order has been made on the 26th November 1968, restoring the patent No. 77891 dated as of the 31st July 1961 granted to Nihar Chandra Roy & Dalmia Cement (Bharat) Limited for "improvements in or relating to the manufacture of heat insulating composition and articles therefrom.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act:

Class 1. No. 133901. The Jay Engineering Works Ltd., 183A, Prince Anwar Shah Road, Calcutta-31, State of West Bengal, India, A Company incorporated in India, "Fans", July 3, 1968.

Class 1. No. 134187. Spencer Lock Company, 91, Industrial cum Housing Estate, Faridabad (Haryana), India, Indian partnership concern, "Telephone locks", July 8, 1968.

Class 1. No. 134357. C. A. V. Limited, Warble Way, Acton, London, England, a British Company, "An electrical control unit", August 8, 1968.

Class 1. No. 134522. Andiappa Achari Shanmuga Achari Vadivel, Vellianai, Karur Taluk, Tiruchi District, Madras State, S. India, Subject of the Indian Republic, "Bullock shoe nail", September 4, 1968.

Class 1. Nos. 134599 and 134600. Ego Metal Works Private Limited, A Private Joint Stock Company registered under the Indian Companies Act, 1956 with Registered Office at Manesar Road, Gurgaon (Haryana), "Knob handle", October 4, 1968.

Class 3. No. 134056. Jai Plastic Industries, An Indian Partnership firm, 4/A-B Industrial Estate, Raipur, Madhya Pradesh, India, "Iamp shade", June 17, 1968.

Class 3. No. 134180. M. A. Rubber Industries, 1402, Hing-Ki-Mandi, Agra-2 (U.P.), an Indian Partnership concern, "Shoe soles for footwear", July 8, 1968.

- Class 3. No. 134193. Golden Plastics, 67/69, Bazar Gate Street, Fort, Bombay-1, Maharashtra, an Indian Partnership Firm, "Bowl", July 9, 1968.
- Class 3. No. 134354. Golden Plastics, 67/69, Bazar Gate Street, Fort, Bombay-1, Maharashtra, an Indian Partnership Firm, "Container", August 8, 1968.
- Class 3. No. 134550. Esso Standard Eastern Inc., an Indian Company, 17, Jamshedji Tata Road, Post Box 355, Bombay-1, Maharashtra, India, "A container", September 17, 1968.
- Class 3. No. 134569. Jai Plastic Industries, An Indian Partnership Firm, 4/A-B, Industrial Estate, Raipur, Madhya Pradesh, India, "Table lamp", September 20, 1968.
- Class 3. No. 134598. Mrs. Neera Kapur, an Indian National, trading as Kapson Industries, B-62, South Extension-I, New Delhi-3, "Ball point pen", October 4, 1968.
- Class 4. No. 134314. The Carling Breweries Limited, a Company incorporated under the laws of Ontario, 155 King Street South, Waterloo, Ontario, Canada, "A bottle" July 31, 1968.
- Class 5. No. 134144. Geoffrey Manners & Company Limited, a Company incorporated in India, Magnet House, Ballard Estate, Bombay-1, State of Maharashtra, India, "Carton", July 4, 1968.
- Class 9. No. 133815. Savrin Knit Works, Fatehgarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", May 18, 1968.
- Class 1. No. 134188. Spencer Lock Company, 91, Industrial cum Housing Estate, Faridabad, (Haryana), India, Indian Partnership concern, "Bicycle locks", July 8, 1968.
- Class 10. No. 134405. Bharat Swiss Footwear Company Private Limited, an Indian Company incorporated under the Companies Act (I of 1956) having its registered office at Merchant Chamber, 41 New Marine Lines, Bombay, State of Maharashtra, India, "Footwear", August 23, 1968.
- Class 10. No. 134419. General Plastics, Neela Compound, Sonawala Estate, Goregaon (East), Bombay-63 NB, State of Maharashtra, India, an Indian Partnership Firm duly registered under the Indian Partnership Act, "A footwear", August 24, 1968.
- Class 13. No. 133485. The Victoria Mills Limited, an Indian Company, Delisle Road Parel, Bombay-13, "Textile piecegoods", March 28, 1968.
- Class 13. No. 133619. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", April 19, 1968.
- Class 13. Nos. 133687 to 133689. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", April 30, 1968.
- Class 13. Nos. 134621 to 134627. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Indian Company, "Textile goods", October 9, 1968.
- Class 13. Nos. 134650 to 134652. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Indian Company, "Textile goods", October 14, 1968.

S. VEDARAMAN,  
Controller General of Patents,  
Designs and Trade Marks.